

REMARKS

This Amendment is filed in response to the non-final Office Action of September 25, 2007 in which claims 1-16 were rejected.

Claims 1-16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Bridgelall* (U.S. 6,717,516) in view of *Gunnarsson* (WO 01/39103).

The Examiner admits that *Bridgelall* does not teach adapting mixers of the transceiver to operate in both of the two modes. The Examiner points to *Gunnarsson* for teaching adapting mixers of the transceiver to operate in both of the two modes, pointing to page 5, lines 22-26. However, the text pointed to by the Examiner does not state that the mixers are adapted to operate in both of two modes. Rather, in lines 26-30 on page 5, *Gunnarsson* teaches that since the Bluetooth radio 24 of Fig. 2 already has the processor 10, oscillator 4, antenna 5 and antenna 6 of the RFID read unit 1 of Fig. 1, the functions of these units 10, 4, 5 and 6 in Fig. 1 can be used with the added RFID mixer 27 for the RFID function, i.e., in place of a Bluetooth mixer that would be in the further radio part 24 of the mobile phone of Fig. 2. So, what *Gunnarsson* teaches is to have the Bluetooth radio part 24 use its own mixer for Bluetooth radio functions and to substitute the mixer 27 in its place for RFID functions. Therefore, the mixers are not adapted to operate in both of the two modes. Rather, it is necessary according to *Gunnarsson* to add a mixer 27 so that the mixer 27 is used for the RFID function and another mixer in the Bluetooth radio part 24 is used for the Bluetooth function.

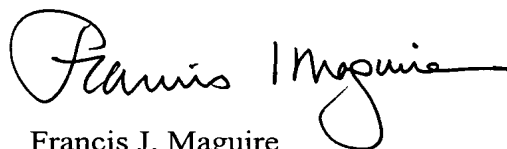
In order for the Examiner's position to be correct, it would be unnecessary for the *Gunnarsson* inventor to add the mixer 27 for the RFID function. Rather, the present invention would teach to adapt the mixer in the Bluetooth radio part 24 to perform RFID functions in one mode and Bluetooth functions in the other mode.

The claims have been amended to change the phrase "including adapting mixers" to --with control logic to control at least one mixer-- so as to clarify the claims. Acronyms have also been removed for the same reason.

Therefore, the obviousness rejection of claims 1-16 should be withdrawn.

The objections and rejections of the Office Action of September 25, 2007, having been obviated by amendment or shown to be inapplicable, withdrawal thereof is requested and passage of claims 1-16 to issue is earnestly solicited.

Respectfully submitted,

A handwritten signature in black ink, reading "Francis J. Maguire". The signature is written in a cursive style with a large, looping initial "F" and a long, sweeping underline.

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